

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1-13. (Canceled).

14. (Currently Amended) A process for aiding the driving of an aircraft running over the ground in an acceleration phase with a view to takeoff, wherein the following successive operations are carried out repetitively:

a) determining a current speed v_0 of the aircraft and a value acc corresponding to a deceleration of said aircraft ~~are determined~~, wherein said value acc is a predetermined deceleration value which corresponds to the deceleration undergone by the aircraft during emergency braking;

b) with the aid of the values v_0 and acc , calculating a distance df to be traveled on the ground by the aircraft in order to stop ~~is calculated~~, using the following expression:

$$df = (v_0)^2 / 2acc$$

and calculating a stopping position of the aircraft ~~is moreover calculated~~ from said distance df and a current position of said aircraft; and

c) presenting the distance df and the stopping position are presented to a driver of the aircraft with the aid of a heads-up display, wherein:

the heads-up display displays a symbol on the windscreen of the aircraft ~~in~~ at a position that is visually projected on the pilot's field of vision actual view of the running track of the aircraft, such that the symbol is visually projects projected at the calculated stopping position of the aircraft on the pilot's view of the runway running track.

15. (Previously Presented) A device for aiding the driving of an aircraft running over the ground, the device comprising:

a first means for determining a current speed v_0 of the aircraft;

a second means for determining a value acc corresponding to a deceleration of said aircraft;

a calculation means for calculating, with the aid of the values v_0 and acc , a distance df to be traveled on the ground by the aircraft in order to stop by using the following expression:

$$df = (v_0)^2 / 2acc$$

and for calculating moreover a stopping position from the distance df and from a current position of the aircraft; and

a means of presentation for presenting the distance df and the stopping position to a driver of the aircraft, wherein

said means of presentation comprises a head-up display which is arranged in proximity to a windscreen of the aircraft and which is formed so as to display a symbol ~~which corresponds, in the field of vision of a pilot, to the stopping position of the aircraft on a running track~~ at a position that is visually projected on the pilot's actual view of the running track of the aircraft, such that the symbol is visually projected at the calculated stopping position of the aircraft on the pilot's view of the running track.

16. (Previously Presented) The device of claim 15 wherein said first means is an inertial platform of the vehicle.

17. (Previously Presented) The device of claim 15 wherein said second means is an inertial platform of the vehicle.

18. (Previously Presented) The device of claim 15 further comprising a means for determining the current position of the vehicle.

19. (Currently Amended) An aircraft ~~, which comprises~~ comprising a device according to claim 15 for aiding a pilot of the

aircraft during the running of said aircraft over the ground 7
~~wherein said device comprises:~~

~~— a first means for determining a current speed v_0 of the aircraft;~~

~~— a second means for determining a value acc corresponding to a deceleration of said aircraft;~~

~~— a calculation means for calculating, with the aid of the values v_0 and acc , a distance df to be traveled on the ground by the aircraft in order to stop by using the following expression:~~

~~$$df = (v_0)^2 / 2acc$$~~

~~and for calculating moreover a stopping position from the distance df and from a current position of the aircraft; and~~

~~— a means of presentation for presenting the distance df and the stopping position to a driver of the aircraft, wherein~~

~~— said means of presentation comprises a head-up display which is arranged in proximity to a windscreen of the aircraft and which is formed so as to display a symbol which corresponds, in the field of vision of the pilot, to the stopping position of the aircraft on a running track.~~

20. (New) A device for aiding the driving of an aircraft running over the ground, the device comprising:

a first determination section that determines a current speed v_0 of the aircraft;

a second determination section that determines a value acc corresponding to a deceleration of said aircraft;

a calculation section that calculates, with the aid of the values v_0 and acc , a distance df to be traveled on the ground by the aircraft in order to stop by using the following expression:

$$df = (v_0)^2 / 2acc$$

and that calculates moreover a stopping position from the distance df and from a current position of the aircraft; and

a presentation section that presents the distance df and the stopping position to a driver of the aircraft, wherein:

said presentation section comprises a head-up display which is arranged in proximity to a windscreen of the aircraft and which is formed so as to display a symbol at a position that is visually projected on the pilot's actual view of the running track of the aircraft, such that the symbol is visually projected at the calculated stopping position of the aircraft on the pilot's view of the running track.

21. (New) An aircraft comprising a device according to claim 20 for aiding a pilot of the aircraft during the running of said aircraft over the ground.